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MONTANA FOREST PRODUCTS BULLETIN

Department of State Lands, Division of Forestry
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GARY G. BROWN, State Forester

PAUL MOORE, Editor

VOL. 10, NO. 4

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This bulletin is mailed primarily to individuals engaged in the Forest Products Industry in Montana. In addition, it is mailed to county agents, lumber brokers, wholesalers, dealers of sawmill and logging equipment, interested technicians, educators and Montana Tree Farmers, as well as the Departments of Forestry in all states.

The purpose of this newsletter is to communicate information regarding the properties and uses of wood products, promote efficiency in the utilization of wood from the stump to the end product, and to serve as a communication link between the members of the forest products industry.

All persons receiving this newsletter are asked to examine their mailing address and advise this office of any corrections needed for proper mailing.

WESTERN LUMBER PRODUCTION JUMPS BY 30 MILLION FEET

PORTLAND, Ore.--The report of comparative figures on western lumber production, orders, shipments and inventories was issued by the Western Wood Products Association today. The information represents industry data from the 12-state western woods region.

Lumber production during the week was reported at 370 million board feet, 30 million feet more than the previous week. Orders were 321 million board feet, 29 million feet below the previous week's level. Shipments were reported at 330 million feet, an increase of 7 million feet.

Figures for the same week a year ago show production at 328 million board feet, orders at 334 million feet, and shipments at 354 million feet.

Year-to-date figures through 41 weeks of 1985 show production at 13.166 billion board feet, orders at 13.114 billion feet, and shipments at 13.048 billion board feet.

Inventories in the region are 2.288 billion board feet, 40 million feet more than the previous week. Figures for the same week a year ago show inventories were 2.425 billion board feet.

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NP-1, A NEW WOOD PRESERVATIVE FROM KOPPERS COMPANY STOPS SAPSTAIN, FUNGUS & MILDEW FROM ATTACKING SAWMILL LUMBER

Koppers Company, Inc., a leader in the treated wood industry, has developed NP-1, a temporary wood preservative for spray or dip application onto freshly cut sawmill lumber.

The treatment is designed to protect lumber during shipment and storage, and gives lumber a bright, attractive appearance.

Depending on conditions, the treated wood will resist attack from sapstain, fungus and mildew for several years. It is not recommended as a substitute for preservative by pressure-treatment. Such temporary spray preservatives are a less-expensive method than kiln-drying in protecting freshly cut lumber sapstain and fungus.

Containing no pentachlorophenol, NP-1's ingredients include a quaternary ammonium compound, used widely in hospitals as a germicidal.

The treated lumber does not have chemical odor, color, or greasy film. After treatment, lumber can be finished just like untreated wood. NP-1 has been registered by the Environmental Protection Agency as a wood preservative.

For further information, contact Jeff Sturm, Koppers Protection Products Division, 5137 Southwest Ave., St. Louis, MO 63110-3497, (772-2200).

MICROCOMPUTER PROGRAMS IN FOREST PRODUCTS UTILIZATION WORK

For the past 10 years or so, the forest products utilization staffs of the Forest Service have relied on mainframe computer programs to do efficiency studies in log felling and bucking and primary log breakdown studies. Raw data was collected by the field coordinator and sent to one of two centralized computer processing centers. Thousand of these studies have been conducted in this manner. However, with the tremendous computing power of microcomputers and the portability of printers and associated equipment today, many new programs have been developed. One series of new micro computer programs developed by the Forest Products laboratory is the "Versatile Mill Analysis System." It contains a saw design program that analyzes saw feed speeds and horse power, an Economic Analysis program that looks at value changes in lumber recovery, and a V-Belt Hook up analysis program that calculates horse power transmission. These programs are used with MS-DOS, and Lotus 1-2-3.

To obtain copies of these programs or for more information, contact Stan Lunstrum, S&PF, Madison, Wisconsin, Phone (608) 264-5728 or the Marketing Bulletin Editor.

REQUEST FOR PROPOSAL

The Idaho Department of Water Resources, Energy Bureau, is preparing a request for proposal to develop a "Biomass Permitting Handbook. The Handbook will be used as a guide for companies developing wood for energy project, manure & Biomass energy projects and wood alcohol projects. Interested parties should contact Jeff Peppersack, Idaho Department of Water Resources, Energy Bureau, State House Mail, Boise, Idaho 54720, phone (208) 334-3788.

TIMBER PRODUCERS

FREE COMPUTER SOFTWARE

SPREADSHEET TEMPLATES FOR SAWMILL RECORDKEEPING

Spreadsheet templates are available for use with "A Recordkeeping System for Small Sawmills", USDA Forest Service Marketing Bulletin 74. Included are forms for categorizing, recording, and summarizing production expenses and output, inventorying logs and lumber, and determining cost/production ratios. You must already have SuperCalc2 or 3, to use the spreadsheet templates. A blank 5-¼" floppy diskette and the make of your computer should accompany your request for the templates. If you have a spreadsheet program other than SuperCalc2 or 3, a printed listing of the appropriate formulas and cell locations can be provided for entry into your spreadsheet. A floppy diskette need not be submitted in this case.

HOW EFFICIENT IS YOUR SAWMILL? - SOLVE4 CAN HELP FIND THE ANSWER

Four spreadsheet templates are available for answering this and other sawmill efficiency questions including:

Are my conversion costs too high?
Am I making too may chips?
Are my yields of No. 1 Common and Better lumber sufficient?
Is mill downtime excessive?
Are log costs too high?

You must already have SuperCalc2 or 3, (R) Sorcim Corporation, to use the spreadsheet templates. A blank 5-¼" floppy diskette and the make of your computer should accompany your request for the templates. If you have a spreadsheet program other than SuperCalc2 or 3, a printed listing of the appropriate formulas and cell locations can be provided for entry into your spreadsheet. A floppy diskette need not be submitted in this case. For more information on these programs, please contact Jon D. Schendel, USDA Forest Service, Northeastern Area-State and Private Forestry, 1992 Folwell Avenue, St. Paul, Minnesota 55108, phone (612) 642-5330.

SOLAR KILN BOOKLET

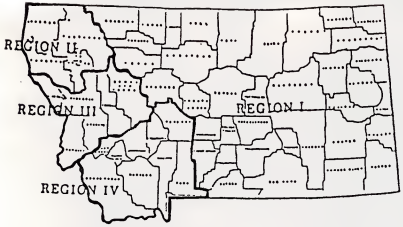
If your interest is Solar heated lumber Dry Kilns, a new book written by Gene Wengert and L.C. Olwera has been published. The booklet illustrates 31 proven dry kiln designs, and techniques needed to dry lumber effectively.

To obtain a copy, send a check or money order for $14.95 to: Department of Forest Products, Solar Kiln Booklet, Brooks Forest Products Center, Placksbury, Virginia 24061-0299. Make checks payable to Dept. of Forest Products, Virginia Tech.

MONTANA LOG PRICE REPORT

The State-wide log price report on the following page catalogs recently delivered average log prices to sawmills by species using four geographical areas within Montana. The objective of the price report is to show private forest landowners the value of their timber and help them gauge the proper time to enter the market.

Prices are provided by approximately 35 sawmills operating within the State. The report is published through the Extension Forester's Office, School of Forestry, University of Montana, Missoula, Montana 59812.



MONTANA LOG PRICE REPORT

NOVEMBER - DECEMBER 1985

The following information is a summary breakdown of recent past average prices reportedly paid by primary wood processors for logs of the various species listed. These prices are not necessarily a reflection of current market prices. Fair market prices may vary a great deal based on log size, length, quality, contract size and terms, and a number of other factors. All information reported is recent average price per thousand board feet (MBF), Scribner Decimal rule delivered to the mill site, unless otherwise noted.

Prices provided for this report by individual firms are treated as confidential disclosure of the firm's operations. Any requests for mill specific data which have been provided for the log report will be denied.

SAWLOGS Scribner Dec C MBF	REGION I	*	REGION II	*	REGION III	*	REGION IV	*
Species	Avg. Low High		Avg. Low High		Avg. Low High		Avg. Low High	
Ponderosa pine	$110/$110/$110	P			$180 /$180/$180	F		
(Yellow)			$216 /$200/$230	G/P	$200 /$200/$200	F		
(Bull)			$154 /$150/$165	G	$122 /$110/$135	P		
Lodgepole pine			$148 /$135/$185	G/F	$143 /$135/$150	F/P	$161 /$150/$170	G/F
Douglas-fir	$123/$123/$123	P	$141 /$135/$150	F/P	$150 /$145/$160	F/P	$160 /$150/$170	G
Western larch			$147 /$135/$165	F/P	$150 /$145/$155	F/P		
Englemann spruce			$156 /$140/$175	G/F	$163 /$160/$165	G/F	$160 /$155/$165	G
Subalpine fir			$137 /$135/$145	G/F	$145 /$145/$145	F	$160 /$155/$165	G/F
Grand fir			$136 /$135/$140	G/P	$145 /$145/$145	F/P		
Western red cedar			$190 /$160/$225	G/P	$260 /$260/$260	G		
Hemlock			$142 /$130/$160	G/P	$135 /$135/$135	P		
White pine			$219 /$190/$245	G	$270 /$270/$270	G		
Cottonwood								

VENEER LOGS Scribner Dec C MBF	STATEWIDE REPORT	
Species	Avg. Low High	Demand Next 60 Days
Douglasfir	$160 / $160 / $160	P
Western Larch	$135 / $135 / $135	P

* G = Good
F = Fair
P = Poor

BPA TO CONDUCT ELECTRIC ENERGY AUDITS

Bonneville Power Administration will be contracting electric energy studies to understand how energy is used in the wood products industry. They will also recommend ways to reduce energy costs. Carroll-Hatch & Associates, Inc., will conduct analysis of 35 types of mills in the BPA service area. This service has an approximate value of $6,000 to $8,000 per mill, paid by BPA. If you would like to apply to have your mill analyzed, let Carroll-Hatch & Associates hear from you.

There are some qualifications: Preference will be given to customers of utilities that are BPA served. The mix of mills includes: 12 sawmills with greater than 100 MBF per shift; 8 sawmills with less than 100 MBF per shift; 6 plywood mills; 2 wood preserving plants; 2 structural wood plants; 1 mill work plant; 1 shake mill; 3 composite board plants. For more information contact Carroll-Hatch Associates, Inc., (503) 232-1363.

FOURTH ANNUAL INLAND EMPIRE DRY KILN WORKSHOP

DECEMBER 2-6, 1985

The Fourth Annual Inland Empire Dry Kiln Workshop will be held December 2-6, 1985, at the Department of Forest Products, University of Idaho campus in Moscow, Idaho. The workshop will address the principles of lumber drying, including hands-on experience with an experimental kiln. There will be a field seminar at Bennett Lumber Products in Princeton, Idaho. The instructors of the workshop are well-known drying specialists from industry, government, and universities. The workshop will allow for plenty of interaction among the course participants and instructors, and everybody will have an opportunity to come forward and discuss their drying problems with the whole group. For more information contact Peter Steinhagen, University of Idaho, (208) 885-6126.

FOR SALE: SERVICES & EQUIPMENT

FOR SALE: Six Ft. RH BLVE Babe Band Headrig, 66" Salem RH Resaw Black-Clawson 53" 10 Knife Chipper; contact Hybert Machinery, INc., 18827 N. Abiqua Ro. NE, Silverton, OR, 97381-9725, Phone (503) 873-3800.

5 SAW EDGER 6" depth of cut, include extra set of saws and 150 HP motor, $9,000.00. Switch panel $700.00; contact Greenough Lumber Inc., Route 200, Greenough, Montana 59836, Phone 244-5435.

LOG SKIDDERS & EQUIPMENT FOR SALE: (1) JD 440B Cable $12,500, (2) JD 440A Cable $9,500, (3) TJAK 225D Cable $12,000, (4) TJAK 230D Cable $17,500, (5) TJAK 230D Cable $14,500, (6) TJAK 230D Forwarder $19,500, (7) TJAK 380 Grapple $2,600, (8) TJAK 380 Cable $16,500, (9) Tree Farmer C7D Grapple $24,500, (10) Tree Farmer C5D Grapple $21,500, (11) Tree Farmer C5D Cable $11,500, (12) T.F. C4D Cable $8,500, (13) Clark 666C Cable $19,00, (14) 1982 Franklin 132 XL Forwarder, 1400 hours $30,00, (15) Franklin 170 shear $27,500, (16) Drott 40 Feller Buncher $44,00, (17) Prentice "H" self-propelled loader $9,500, (18) Husky 141 Knuckleboom with power unit, 353GM $8,800. Other skidders and equipment not listed. Used parts to fit most skidders. Call Midwest Tractor, Inc., 612-263-3777 or Ron 612-295-5037. Located West of Big Lake, MN. on Highway 10.

BY OWNER: Cat 980B front end loader, SN89P1882, 200 hours since engine and transmission overhaul. Machine has 3rd valve, new tires, large counter weight and ROPS cab with heater, exc. condition, Montana location, pictures available on request. Contact NRS Inc. 36 No. Brooks, Sheridan WY, (307) 672-8951.

If you wish to advertise a forest product or a piece of wood-processing machinery in this bulletin complete the form below. No charge is made for this service. If you wish to rerun an item, a written request must be submitted before the next issue.

NAME OF PERSON OR FIRM: _____

MAILING ADDRESS: _____

ZIP CODE: _____ PHONE: _____

Type or print your advertisement in the space below, detach and return to:

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